

Los Alamos Neutron Science Center Call for Proposals for Nuclear Science Experiments Run Cycle Beginning in June 2010

You are invited to submit a proposal for beam time at LANSCE for nuclear science experiments and ICE House experiments for the run cycle scheduled to begin in June 2010.

The deadline for submitting proposals is 6:00 p.m. (1800) Mountain Standard Time, Monday, March 8, 2010.

Successful proposals will be scheduled during the period from June through December 2010.

Instruments/flight paths available in the current call for proposals are:

I. Target 4 (High-energy neutron source:-1-600 MeV):

1. Flight Path 90L Fission, TPC
Contact: Fredrik Tovesson, tovesson@lanl.gov, 505-665-9652
2. Flight Path 30L ICE House, single event effects, semiconductor testing
Contact: Steve Wender, wender@lanl.gov, 505-667-1344
3. Flight path 15L 20 m and 90 m detector shed
Contact: Nik Fotiadis, fotia@lanl.gov, 505-665-0589
4. Flight path 15R Few-body physics
Contact: Steve Wender, wender@lanl.gov, 505-667-1344
5. Flight path 30R FIGARO, (n,z) reactions, ChiNu
Contact: Bob Haight, haight@lanl.gov, 505-667-2829
6. Flight path 60R GEANIE, high resolution germanium gamma-ray measurement, (Contact: Matt Devlin, devlin@lanl.gov, 505-665-0421)

II. Target 1 (Low-energy neutron source thermal to ~100's keV)

1. Flight Path 5 Fission and other experiments
Contact: Fredrik Tovesson, tovesson@lanl.gov, 505-665-9652
2. Flight Path 14 DANCE capture reactions, fission, γ -ray measurements
Contact: John Ullmann, ullmann@lanl.gov, 505-667-2517
3. Flight Path 12 Fundamental physics flight path and other experiments
Contact: Aaron Couture, acouture@lanl.gov 505-667-1730

III. Target 2 (Blue Room) Proton irradiations: Radiation effects, Isotope production, Lead Slowing-Down Spectrometer, PSR beam, linac beam.
Contact: Leo Bitteker lbj@lanl.gov, 505-667-0333

Because of their impact on the overall user program, proposals for sole use experiments (i.e., those that require dedicated facility operation, such as PSR beam to Target 2 and less than 800 MeV proton beam operation) should be discussed with the WNR management so that policies associated with such experiments and the prospect of a particular experiment being accommodated can be explained.

Proposals must be submitted using the proposal submission process on the LANSCE website.

To access the proposal submission site, go to <https://wnr-proposals.lanl.gov>
See the step-by-step guide to submitting a proposal.

If you have any questions, please contact the LANSCE User Office.

LANSCE Program Manager
Leilani Conradson, leilani@lanl.gov, 505-665-9505

Nuclear Science User Office Administrator
Tanya Herrera, tanyah@lanl.gov, (505) 667-6797

All non-proprietary proposals will be reviewed by the LANSCE Nuclear Program Advisory Committee (NPAC) which will meet in April to review and rate submissions. Proprietary proposals will not be reviewed by the NPAC. Proposal status and beam time notifications will be sent out by early May, 2010.

Foreign Nationals will need approval to visit LANSCE. Please list all foreign nationals on the proposal to ensure that there is sufficient time to obtain the approvals.

We look forward to receiving your proposals for beam time.

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